

Claims

1. Cover film for thermoformed or cold-formed blisters for child-safe and senior-friendly packing of medicines and medicinal products, characterised by
 - a 5 to 30 μm thick aluminium film which on a first side
 - is uncoated, or
 - is coated with a protective lacquer with a coating weight of 0.1 to 10 g/m^2 , or
 - is laminated with paper with a substance weight of 17 to 60 g/m^2 , or
 - is laminated with a 5 to 15 μm thick polyester film
 - and on the second side which is intended for sealing to a blister base part, is laminated with a non-oriented or a monoaxially or biaxially oriented plastic film on the basis of
 - polyvinyl chloride (PVC) with a film thickness of 10 to 40 μm , or
 - polyvinylidene chloride (PVDC) with a film thickness of 10 to 40 μm ,
 - or
 - polypropylene (PP) with a film thickness of 6 to 35 μm , or
 - polyester with a film thickness of 5 to 15 μm , or
 - polychlorotrifluoroethylene (PCTFE) with a film thickness of 8 to 76 μm , or
 - cyclo-olefin copolymers (COC) with a thickness of 10 to 40 μm .
2. Cover film according to claim 1, characterised in that the aluminium film is in the soft or hard state or has a defined hardness.
3. Cover film according to claim 1 or 2, characterised in that the aluminium film is 7 to 30 μm thick.
4. Cover film according to any of claims 1 to 3, characterised in that the protective lacquer layer on the first side of the aluminium film comprises a lacquer based on watery or organic solvents on the basis of nitrocellulose,

epoxy resin, urea resin, melamine resin, polyester, polyurethane or mixtures of the said lacquer raw materials.

5. Cover film according to claim 4, characterised in that the coating weight of the protective lacquer layer is 0.5 to 5 g/m².
- 5 6. Cover film according to any of claims 1 to 3, characterised in that the paper on the first side of the aluminium film is glassine paper, glassine-substitute paper, coated or satinised paper.
- 10 7. Cover film according to claim 6, characterised in that the paper has a substance weight of 19 to 50 g/m².
8. Cover film according to any of claims 1 to 3, characterised in that the paper or the polyester film on the first side of the aluminium film is pasted to the aluminium film with a watery, a solvent-based or a solvent-free adhesive.
- 15 9. Cover film according to any of claims 1 to 8, characterised in that the plastic film on the second side of the aluminium film is pasted to the aluminium film with a watery, a solvent-based or a solvent-free adhesive or by extrusion laminating.
- 20 10. Blister pack with a blister base part and a cover film sealed to the blister base part, characterised in that the cover film is a 5 to 30 µm thick aluminium film which on a first side
 - 25 is uncoated, or
 - is coated with a protective lacquer with a coating weight of 0.1 to 10 g/m², or
 - is laminated with paper with a substance weight of 17 to 60 g/m², or
 - is laminated with a 5 to 15 µm thick polyester film
 and on the second side which is intended for sealing to a blister base part, is laminated with a non-oriented or a monoaxially or biaxially oriented plastic film on the basis of
 - 30 polyvinyl chloride (PVC) with a film thickness of 10 to 40 µm, or

polyvinylidene chloride (PVDC) with a film thickness of 10 to 40 μm ,
or

polypropylene (PP) with a film thickness of 6 to 35 μm , or
polyester with a film thickness of 5 to 15 μm , or
5 polychlorotrifluoroethylene (PCTFE) with a film thickness of 8 to 76
 μm , or

cyclo-olefin copolymers (COC) with a thickness of 10 to 40 μm ,
and in that the blister base part at least on the side which is sealed to the
cover film comprises a material whose chemical structure is compatible
10 with that of the plastic film which is sealed to the blister base part.

11. Blister pack according to claim 10, characterised in that the blister base
part on at least the side which is sealed to the cover film comprises the
same material as the plastic film which is sealed to the blister base part.

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12. Blister pack according to claim 10 or 11, characterised in that the
aluminium film is in the soft or hard state or has a defined hardness.

13. Blister pack according to any of claims 10 to 12, characterised in that the
20 aluminium film is 7 to 30 μm thick.

14. Blister pack according to any of claims 10 to 13, characterised in that the
protective lacquer layer on the first side of the aluminium film comprises a
lacquer based on watery or organic solvents on the basis of nitrocellulose,
25 epoxy resin, urea resin, melamine resin, polyester, polyurethane or
mixtures of the said lacquer raw materials.

15. Blister pack according to claim 14, characterised in that the coating weight
of the protective lacquer layer is 0.5 to 5 g/m^2 .

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16. Blister pack according to any of claims 10 to 13, characterised in that the paper on the first side of the aluminium film is glassine paper, glassine-substitute paper, coated or satinised paper.
- 5 17. Blister pack according to claim 16, characterised in that the paper has a substance weight of 19 to 50 g/m².
- 10 18. Blister pack according to any of claims 10 to 13, characterised in that the paper or the polyester film on the first side of the aluminium film is pasted to the aluminium film with a watery, a solvent-based or a solvent-free adhesive.
- 15 19. Blister pack according to any of claims 10 to 18, characterised in that the plastic film on the second side of the aluminium film is pasted to the aluminium film with a watery, a solvent-based or a solvent-free adhesive or by extrusion laminating.